rm PTO-1449 (v. 2-32)	U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No. Q66769	Serial No.: Unknown Confirmation No.: Unknown
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Javier SANCHEZ, et al.	
		Filing Date: November 09, 2001	Group: Unknown

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
LW		US 5,659,573	08/19/97	Bruckert et al.	—	—	

FOREIGN PATENT DOCUMENTS

		Document	Date	Country	Class	Sub-class	Translation Yes/No
LW		EP 0 812 066 A1	12/10/97	Europe	—	—	YES
LW		EP 0 849 887 A2	06/24/98	Europe	—	—	YES
LW		WO 99/59259	11/18/99	World Office	—	—	YES
LW		WO 00/38343	06/29/00	World Office	—	—	YES

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

LW		SAITO S et al.: "Performance of QPSK coherent detection with dual-mode carrier recovery circuit for fast and stable carrier tracking" IEEE International Conference on Communications '88: Digital Technology Spanning the Universe. Conference Record (CAT. NO. 88CH2538-7), Philadelphia, PA, USA June 12-15, 1988, pages 735-741

EXAMINER: [signature] DATE CONSIDERED: 2/15/05

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

JC996 U.S. PTO 09/986547 11/09/01